

**Review of Northwest Marine Technology proposal**

Hi Peter - Northwest Marine Technology's request for Level 2 project amendment to evaluate a wider spectrum of values for their model's parameters appears to be well worth the investment of \$38,100. I concur with NWT's observation that stakeholders are likely to be interested in both selective and non-selective fishery scenarios, in various ocean fishery season scenarios, in the relative impacts of freshwater and ocean fisheries, in interactions with other fisheries, in changes in hooking mortality, etc. It should be recognized, however, that ocean fishery seasons are set differently each year to account for changes in the abundance of various salmon runs (mostly to try to avoid impacts on endangered species). Ideally, NWT's model would be adopted by CDFG and/or the Pacific Fishery Management council's salmon technical team for use on an annual basis.

While the proposed work is likely to add very valuable information for management, a lot of the value for CALFED (especially if the marked fish are used to evaluate different water management/restoration strategies) will depend on how well the behaviors and life histories of the hatchery-raised fish mimic those of wild fish. I don't see this being addressed in NWT's proposal. It would make an excellent complementary study.